Recombinant Human JAM-A/F11R/CD321 Protein

Catalog No.: RP00275

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Sequence Information

Species
Human

Gene ID
50848

Swiss Prot
Q9Y624

Tags
C-His

Synonyms
F11R,CD321,JAM,JAM1,JAMA, JCAM,KAT,PAM-1

Product Information

Source
HEK293 cells

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
24.15 kDa

Observed MW
20-30 kDa

Endotoxin
< 0.1 EU/μg of the protein by LAL method.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Junctional adhesion molecule A（JAM-A）which belongs to the immunoglobulin superfamily, seems to play a role in epithelial tight junction formation.JAM-A is expressed in endothelium, epithelium and leukocytes (at protein level).JAM-A contains Ig-like V-type 1 and Ig-like V-type 2 domains , the Ig-like V-type 2 domain is necessary and sufficient for interaction with integrin alpha-L/beta-2.

Basic Information

Description
Recombinant Human JAM-A/F11R/CD321 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser28-Ala242) of human JAM-A (Accession #NP_058642.1) fused with a 6×His tag at the C-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

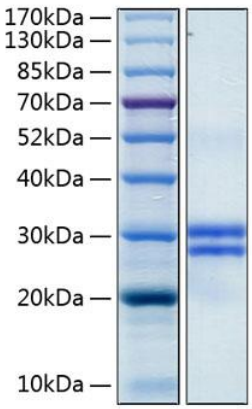
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human JAM-A/F11R/CD321 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.